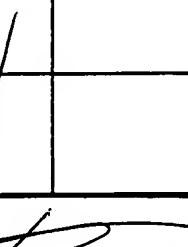
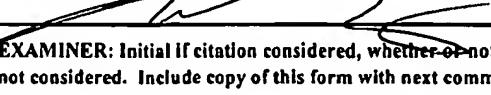
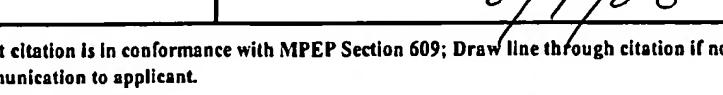
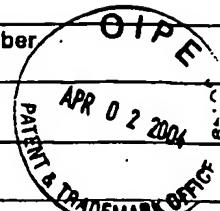


INFORMATION DISCLOSURE CITATION <small>(Use several sheets if necessary)</small>				Docket Number (Optional) 125855-2		Application Number 10/667,265	
				Applicant(s) Hartle, et al.			
				Filing Date September 19, 2003		Group Art Unit 1713	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IP APPROPRIATE
(initials)	(initials)	6,350,804 B2	2/26/2002	Adedeji, et al.	/	/	/
(initials)	(initials)	5,939,490	8/17/1999	Brown, et al.	/	/	/
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FOREIGN PATENT DOCUMENTS							
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
(initials)	(initials)	EP 0 747 441 A2	06.06.1996	Europe	/	/	YES
(initials)	(initials)	EP 1 375 586 A1	07.03.2002	Europe	/	/	NO
(initials)	(initials)	EP 0 997 495	29.10.1999	Europe	/	/	/
/	/	/	/	/	/	/	/
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc)							
International Search Report dated April 19, 2004							
							
EXAMINER				DATE CONSIDERED			
							
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PTO-1449

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
LIST OF ITEMS
(Use several sheets if necessary)

Attorney's Docket Number
125855-2Serial Number
10/667,265Name of Applicant
Hartle, et al.Filing Date
September 19, 2003Group
1713

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	NAME	Class	Subclass	Filing Date If Appropriate
W	3,195,868	07/20/65	Loomans, et al.			
	4,239,673	12/16/80	Lee, Jr.			
	4,242,263	12/30/80	Lee, Jr.			
	4,299,757	11/10/81	Kurabayashi, et al.			
	4,373,064	2/8/83	Bennett, Jr. et al.			
	4,383,082	5/10/83	Lee, Jr.			
	4,460,743	7/17/84	Abe, et al.			
	4,480,057	10/30/84	Sano			
	4,559,262	12/17/85	Cogswell, et al.			
	4,565,684	1/21/86	Tibbetts, et al.			
	4,569,923	2/11/86	Knudson, Jr. et al.			
	4,572,813	2/25/86	Arakawa			
	4,584,334	4/22/86	Lee, Jr. et al.			
	4,628,072	12/9/86	Shiraki, et al.			
	4,663,230	5/5/87	Tennent			
	4,664,842	5/12/87	Knudson, Jr. et al.			
	4,713,416	12/15/87	Del Giudice et al.			
	4,752,135	6/21/88	Loomans			
	4,764,559	8/16/88	Yamauchi et al.			
	4,772,657	9/20/88	Akiyama et al.			
	4,816,289	3/28/89	Komatsu et al.			
	4,863,997	9/5/89	Shibuya et al.			
	4,876,078	10/24/89	Arakawa, et al.			
	4,892,904	1/9/90	Ting			
W	4,962,148	10/9/90	Orikasa, et al.			
W	4,985,495	1/15/91	Nishio, et al.			

EXAMINER

DATE CONSIDERED

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PTO-1449			Attorney's Docket Number 125855-2	Serial Number 10/667,265		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <u>LIST OF ITEMS</u>			Name of Applicant Hartle, et al.			
(Use several sheets if necessary)			Filing Date September 19, 2003	Group 1713		
U.S. PATENT DOCUMENTS						
Examiner Initial	Document Number	Date	NAME	Class	Subclass	Filing Date If Appropriate
<i>W.L.</i>	4,990,558	2/5/91	DeNicola, Jr. et al.			
	4,994,508	2/19/91	Shiraki, et al.			
	5,024,818	6/18/91	Tibbetts, et al.			
	5,056,029	10/8/91	Cannon			
	5,061,753	10/29/91	Maruyama, et al.			
	5,071,911	12/10/91	Furuta, et al.			
	5,071,912	12/10/91	Furuta, et al.			
	5,075,376	12/24/91	Furuta, et al.			
	5,079,295	1/7/92	Furuta, et al.			
	5,081,187	1/14/92	Maruyama, et al.			
	5,086,112	2/4/92	Togo, et al.			
	5,106,696	4/21/92	Chundury, et al.			
	5,110,501	5/5/92	Knudson, Jr. et al.			
	5,124,410	6/23/92	Campbell			
	5,132,363	7/21/92	Furuta, et al.			
	5,149,740	9/22/92	Maruyama, et al.			
	5,159,004	10/27/92	Furuta, et al.			
	5,160,454	11/3/92	Knudson Jr., et al.			
	5,162,433	11/10/92	Nishio, et al.			
	5,162,435	11/10/92	Shibuya, et al.			
<i>W.L.</i>	5,162,440	11/10/92	Akkapeddi, et al.			
<i>W.L.</i>	5,165,909	11/24/92	Tennent, et al.			
EXAMINER <i>W.L.</i>			DATE CONSIDERED <i>6/2/06</i>			

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U.S. PATENT DOCUMENTS						
Examiner Initial	Document Number	Date	NAME	Class	Subclass	Filing Date If Appropriate
<i>WZ</i>	5,166,264	11/24/92	Lee, Jr. et al.			
	5,182,151	1/26/93	Furuta, et al.			
	5,191,024	3/2/93	Shibata, et al.			
	5,206,281	4/27/93	Furuta			
	5,262,477	11/16/93	Kasai, et al.			
	5,268,425	12/7/93	Furuta, et al.			
	5,272,208	12/21/93	Shiraki, et al.			
	5,272,209	12/21/93	Shiraki, et al.			
	5,278,220	1/11/94	Vermeire, et al.			
	5,286,791	2/15/04	DeNicola, Jr., et al.			
	5,290,856	3/1/94	Okamoto, et al.			
	5,296,540	3/22/94	Akiyama, et al.			
	5,304,593	4/19/94	Nishio, et al.			
	5,321,081	6/14/94	Chundury, et al.			
	5,369,173	11/29/94	Furuta			
	5,370,813	12/6/94	DeNicola, Jr., et al.			
	5,397,822	3/14/95	Lee, Jr.			
	5,402,333		Cardner			
	5,405,902	4/11/95	Nishio, et al.			
<i>WZ</i>	5,418,287	5/23/95	Tanaka, et al.			
<i>WZ</i>	5,424,360	6/13/95	Nagaoka, et al.			
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U.S. PATENT DOCUMENTS					
Examiner Initial	Document Number	Date	NAME	Class	Subclass
<i>WZ</i>	5,428,091	6/27/95	Abe, et al.		
	5,461,111	10/24/95	Modic, et al.		
	5,473,015	12/5/95	DeNicola, Jr. et al.		
	5,494,962	2/27/96	Gauthy, et al.		
	5,502,102	3/26/96	Nazareth		
	5,530,052		Takekoshi, et al.		
	5,546,564	8/13/96	Horie		
	5,550,746		Jacobs		
	5,589,152	12/31/96	Tennent, et al.		
	5,591,382	1/7/97	Nahass, et al.		
	5,612,401	3/18/97	Brown, et al.		
	5,648,424	7/15/97	Miwa, et al.		
	5,686,528	11/11/97	Wills, et al.		
	5,698,632	12/16/97	Brown, et al.		
	5,705,556	1/6/98	Djiauw, et al.		
	5,719,236	2/17/98	Brown, et al.		
	5,723,551	5/3/98	Brown, et al.		
	5,773,502	6/3/98	Takekoshi, et al.		
	5,777,028	7/7/98	Okada, et al.		
	5,780,376	7/14/98	Gonzales, et al.		
	5,902,850	5/11/99	Chino, et al.		
	5,932,159	8/3/99	Rauwendaal		
	5,998,029	12/7/99	Adzima, et al.		
	6,005,050	12/21/99	Okada, et al.		
<i>↓</i>	6,013,726	1/11/00	Nakano, et al.		
<i>WZ</i>	6,031,049	2/29/00	Chino, et al.		
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U.S. PATENT DOCUMENTS					
Examiner Initial	Document Number	Date	NAME	Class	Subclass
	6,036,765	3/14/00	Farrow, et al.		
	6,045,883	4/4/00	Akiyama, et al.		
	6,057,401	5/2/00	Modic		
	6,116,770	9/12/00	Kiani, et al.		
	6,228,903	5/8/01	Beall, et al.		
	6,258,453	7/10/01	Montsinger		
	6,258,881	7/10/01	Moritomi		
	6,262,162	7/17/01	Lan, et al.		
	6,300,417	10/9/01	Sue, et al.		
	6,308,142	10/23/01	Choate, et al.		
	6,495,630	12/17/02	Adedeji, et al.		
	6,509,412	1/21/03	Hall		
	6,627,701	9/30/03	Adedeji, et al.		
	6,660,794	12/9/03	Adedeji, et al.		
	6,538,056	3/25/03	Webster		
	2002/0023845	2/28/02	Ding, et al.		
	2002/0137840	9/26/02	Adedeji, et al.		
	2002/0156182	10/24/02	Adedeji, et al.		
	2002/0165317	11/7/02	Adedeji, et al.		
	2003/0181587	9/25/03	Sasagawa, et al.		
	2003/0036602	2/20/03	Adedeji, et al.		
	2003/0171877	9/11/03	Adedeji, et al.		
	2003/0106294	6/12/03	Chung, et al.		
	2003/0060543	5/27/03	Seip, et al.		
✓	4,945,018	7/31/90	Abolins, et al.		
✓	4,972,021	11/20/90	Lee, Jr.		
EXAMINER				DATE CONSIDERED 8/2/06	

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		Filing Date September 19, 2003	Group 1713
OTHER INFORMATION (including author, title, date, pertinent)			
✓ JP52094519. Publication Date 1977-08-09. Abstract Only			
✓ Derwent Abstract for JP 58-93730. Accession Number 1983-7082754. Date 1983.06.03			
✓ Derwent Abstract for 63-113047. Accession Number 1988-295269. Dated 18 May 1988			
✓ Derwent Abstract for 63-113049. Accession Number 1988-177758. Date 1988.05.18			
✓ Derwent Abstract for 63-113050. Accession Number 1988-177759. Date. 1988.05.18			
✓ Derwent Abstract for 01-098647. Accession Number 1989-156118. Date 1989.04.17			
✓ Chemical Abstract for JP03181555. Accession Number 1992:409126. Date 1991.08.07			
✓ Chemical Abstract for JP03185058. Accession Number 1992:7463. Date 1991.08.13			
✓ Chemical Abstract for JP 03231962. Accession Number: 1992:409106. Date 1991.10.15			
✓ Derwent Abstract for JP03-259941. Accession Number: 1992-011372. Date. 1991.11.20			
✓ Derwent Abstract for JP04-007357. Accession Number 1992-061587. Date 1992.01.10			
✓ Derwent Abstract for JP04-028739. Accession Number 1992-085306. Date 1992.01.31			
✓ Derwent Abstract for JP04-028740. Accession Number 1992-085307. Date 1992.01.31			
✓ Chemical Abstract for JP04183748. Accession Number 1993:214261. Date 1992.06.30			
✓ Derwent Abstract for JP04-279697. Accession Number 1992-378284. Date 1992.10.05			
✓ Derwent Abstract for JP04-293942. Accession Number 1992-394620. Date 1992.10..19			
✓ Derwent Abstract for JP05-070679. Accession Number 1993-137105. Date. 1993.03.23			
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OTHER INFORMATION (including author, title, date, pertinent)			
<p><i>WZ</i></p> <p>Derwent Abstract for JP05-295184. Accession Number: 1993-392816. Date 1993.11.09</p> <p>Derwent Abstract for JP 06-009828. Accession Number 1994-054017. Date 1994.01.18</p> <p>Derwent Abstract for JP06-016924. Accession Number 1994-062151. Date 1994.01.25</p> <p>JP06-057008. Publication Date 01.03.1994. Abstract only</p> <p>Derwent Abstract for JP06-057130. Accession Number 1994-106975. Date. 1994.03.01</p> <p>Derwent Abstract for JP06-136202. Accession Number 1994-197261. Date. 1994.05.17</p> <p>Derwent Abstract for JP07-003083. Accession Number 1995-078140. Date. 1995.01.06</p> <p>Chemical Abstracts for JP07165998. Accession Number 1995:785436. Date. 1995.06.27</p> <p>Chemical Abstracts for JP 07166026. Accession Number 1995:823588. Date. 1995.06.27</p> <p>Derwent Abstract for JP 07-304908. Accession Number 1996-035970. Date 1995.11.21</p> <p>Derwent Abstract for JP 09-316322. Accession Number. 1998-082841. Date. 1997.12.09</p> <p>Derwent Abstract for JP 11-060836. Accession Number. 1999-232740. Date. 1999.03.05</p> <p>Derwent Abstract for JP 2000-426148. Accession Number 2000-426148. Date. 2000.05.26</p> <p>Chemical Abstract for JP 2003277555. Accession Number 2003:767908. Date. 2003.10.02</p> <p>JP2003-277555. Publication Date. 10/02/2003. Abstract Only.</p> <p><i>WZ</i></p> <p>JP2000143891. Publication Date 2000-05-26</p>			
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OTHER INFORMATION (including author, title, date, pertinent)			
<p><i>Woe</i> TUFTEC H1043 Technical Bulletin, 16 Dec 1999, ASAHI CHEMICAL INDUSTRY CO., LTD., pages 1-5</p> <p>✓ TUFTEC P-Series High Performance Thermoplastic Elastomer, pages 1-2. <http: www.asahi-kasei.co.jp/plastic/e/technical/br/p-series.htm></p> <p>✓ M. K. Akkapeddi and B. VanBuskirk, Adv. Polym. Technol. (1992), volume 11, number 4, pages 263-275.</p> <p>✓ G.-X. Wei, H.-J. Sue, J. Chu, C. Huang, and K. Gong, Antec '99 Conference Proceedings, (1999), pages 3443-3447.</p> <p>✓ P.C. LeBaron, A. Wang, and T. J. Pinnavaia, Applied Clay Science (1999), volume 15, pages 11-29 "Polymer-layered silicate nanocomposites: an overview"</p> <p>✓ G.E.P. Box, W.G. Hunter, and J.S. Hunter, "Statistics for Experiments; An Introduction to Design, Data Analysis, and Model Building", New York: Wiley-Interscience (1978), pages 306-344</p> <p>✓ C.L. Agreda and V. H. Agreda, "Designing Mixture Experiments", CHEMTECH (1989), Volume 19, no. 9, pages 573-5.</p> <p>✓ E.J. Taylor, "A Mixture Experiment Approach to the Formulation of an SMC Low Profile Resin System", Polym.-Plast. Technol. Eng. (1984), volume 22, No. 1, pages 1-13.</p> <p>✓ E.E. Harrington, Jr., "The Desirability Function", Industrial Quality Control, vol. 21, no. 10, pp. 494-498, (1965)</p> <p>✓ G. Derringer and R. Suich, "Simultaneous Optimization of Several Response Variables", Journal of Quality Technology, vol. 12, no. 4, pp. 214-219 (1980)</p> <p>✓ A.I. Khuri and M. Conlon, "Simultaneous Optimization of Multiple Responses Represented by Polynomial Regression Functions", Technometrics, vol. 23, no. 4, pp. 363-375 (1981)</p> <p>✓ J.J. Pignatiello "Strategies for Robust Multiresponse Quality Engineering", IIE Transactions, vol. 25, no. 3, pp. 5-15 (1993)</p> <p>✓ J.L. Ribiero and E. A. Elsayed, "A Case Study on Process Optimization Using the Gradient Loss Function", International Journal of Production Research, vol. 33, no. 12, pp. 3233-3248 (1995)</p> <p><i>Woe</i> ✓ E. DelCastillo, D. C. Montgomery and D. R. McCarville, "Modified Desirability Functions for Multiple Response Optimization", Journal of Quality Technology, vol. 28, no. 3, pp. 337-345 (1996)</p> <p>✓</p> <p>✓</p> <p>✓</p>			
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(Use several sheets if necessary)		Filing Date September 19, 2003		Group 1713		
FOREIGN PATENT DOCUMENTS						
Examiner Initial	Document Number	Date	COUNTRY	Class	Subclass	TRANSLATION YES NO
<i>WAC</i>	GB 1559262	20.12.97	United Kingdom			
	EP 412 787	13.02.91	Europe			
	EP 326 895	23.05.90	Europe			
	EP 765 914	19.05.95	Europe			
	EP 1029876	13.09.99	Europe			
	EP 0 697 422	28.07.95	Europe			
	EP 0 732 369	05.03.96	Europe			
	EP 0 747 438	06.06.96	Europe			
	EP 0 755 980	12.07.96	Europe			
	EP 0 765 917	25.09.96	Europe			
	WO 90/05759	31.05.90	PCT			
	WO 91/05016	18.04.91	PCT			
<i>↓</i>	WO 02/057364	25.07.02	PCT			
<i>Teller</i>	WO 00/78540	28.12.00	PCT			

6/2/06

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